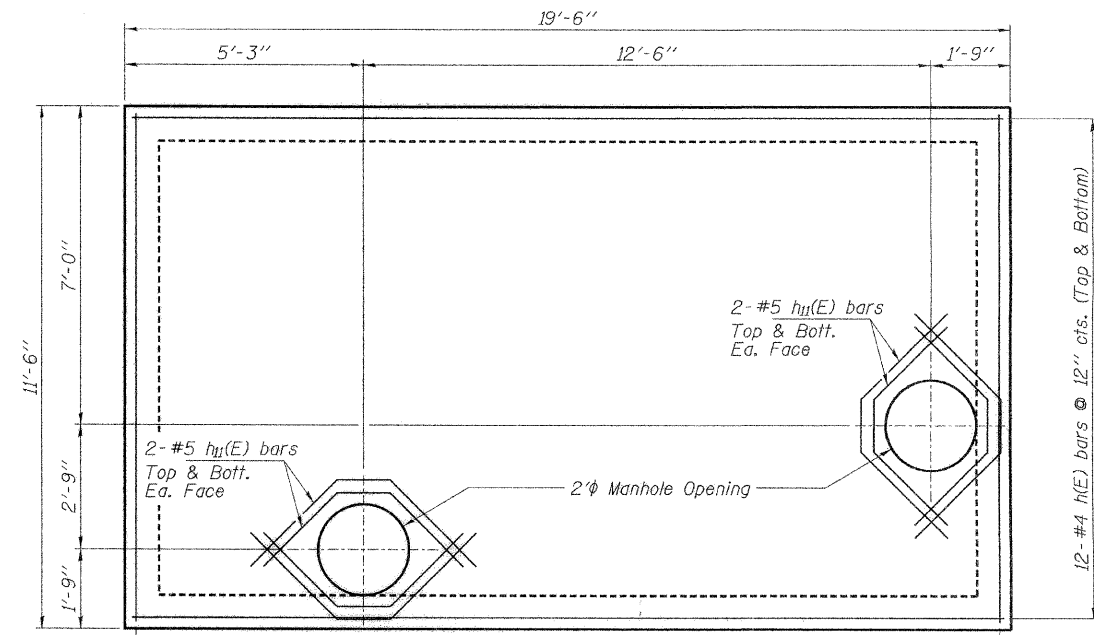


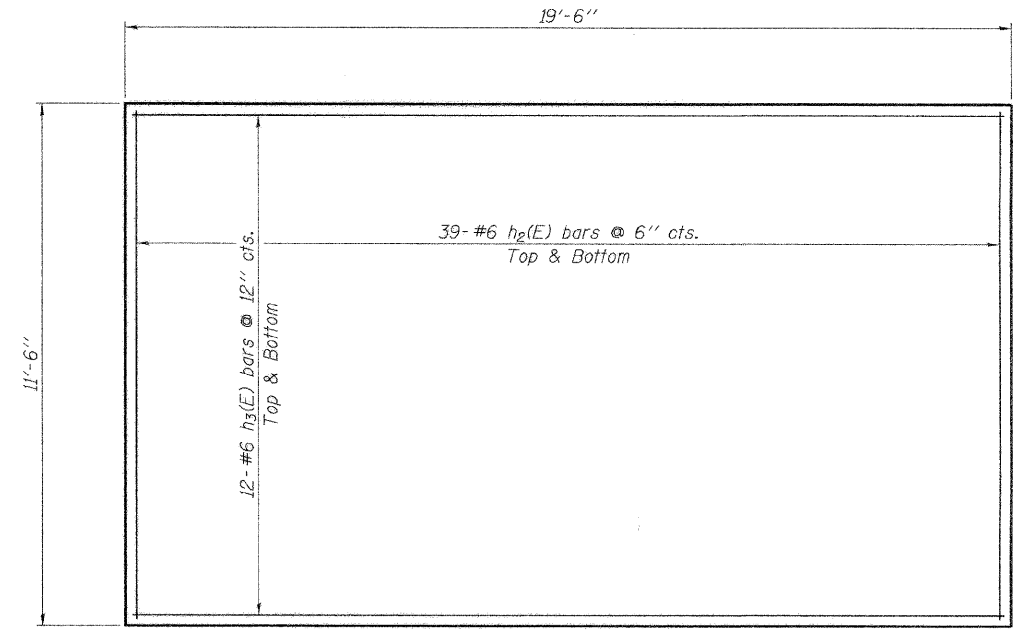
**PLAN**

**DESIGN STRESSES**

$f'c = 3,500$  psi  
 $f_y = 60,000$  psi (Reinforcement Bars)  
 Max. Soil Pressure under footing = 1.5 ksf  
 Loading HS 20-44



**TOP SLAB**



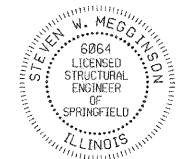
**BOTTOM SLAB**

**GENERAL NOTES**

Reinforcement Bars shall conform to the requirements of AASHTO M31 or M322 Grade 60.  
 All reinforcement bars shall be epoxy coated.  
 Reinforcement Bars that interfere with concrete pipes shall be bent or cut off to provide adequate clearance, as approved by the Engineer.  
 Class SI Concrete shall be used throughout.



*Steven W. Meggison* 1-11-05  
 ILLINOIS STRUCTURAL NO. 6064



Expires 11-30-06

**RB**  
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 618-790-4637  
 Date: 01-11-05  
 DESIGNED: S.M.S. CHECKED: S.W.M. DRAWN: D.B.

**SPLIT FLOW JUNCTION STRUCTURE**  
 SECTION 99-00243-00-PV  
 RANDALL ROAD  
 KANE COUNTY  
 STATION 32+00